| 0 21 | <br> | <br> | • | aim | _ |
|------|------|------|---|-----|---|
|      |      |      |   |     |   |
|      |      |      |   |     |   |

Application/Control No.

10/519,695

Examiner

Tony Mahmoudi

Applicant(s)/Patent under Reexamination

PONTIUS, BEN

Art Unit

2165

| 1 | Rejected |
|---|----------|
| = | Allowed  |

- (Through numeral)
Cancelled

Restricted

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| Cla           | Claim Date |              |                 |   | 1   | Claim Date     |                |              |  |   |     |                        | Cla             | Claim Date   |                |          |          |          |          |          |          |          |     |       |            |              |                 |                 |          |          |          |                 |          |   |
|---------------|------------|--------------|-----------------|---|---|----------------|----------------|--------------|--|---|-----|------------------------|-----------------|--------------|----------------|----------|----------|----------|----------|----------|----------|----------|-----|-------|------------|--------------|-----------------|-----------------|----------|----------|----------|-----------------|----------|---|
|               |            |              |                 |   |   |                |                |              |  |   | 1   |                        |                 |              |                |          |          |          | П        |          | $\Box$   |          |     |       | =          |              |                 |                 |          |          |          | П               |          |   |
| Final         | Original   | 2/2/06       | 9/19/06         |   |   |                |                |              |  |   |     | Final                  | Original        |              |                |          |          | ·        |          |          |          |          |     | Final | Original   |              |                 |                 |          |          |          |                 | , 1      |   |
| 一造            | Ę          | 122          | 15              |   |   |                | l              |              |  |   |     | 置                      | jë.             | 1            |                |          |          |          | - 1      |          | i        |          |     | 這     | )Tig       |              |                 |                 |          |          |          |                 | . 1      |   |
|               | _          |              | ۳               |   |   |                |                |              |  |   |     |                        | 0               |              |                |          |          |          |          |          |          |          |     |       |            | •            |                 |                 |          |          |          |                 |          |   |
|               | (D)        | V            | ✓               |   |   |                |                |              |  |   | ]   |                        | 51              |              |                |          |          |          |          |          |          |          |     |       | 101        |              |                 |                 |          |          |          |                 |          |   |
|               | 2          | V            | ✓               |   |   |                |                |              |  |   | 1   |                        | 52              |              |                |          |          |          |          |          |          |          |     |       | 102        |              |                 |                 |          |          |          |                 |          |   |
|               | (13)       | √            | <b>√</b>        |   |   |                |                |              |  |   | ]   |                        | 53              |              |                |          |          |          |          |          |          |          |     |       | 103        |              |                 |                 | -        |          |          |                 |          |   |
|               | 8          | V            |                 | • |   |                |                |              |  |   | ]   |                        | 54              |              |                |          |          |          |          |          |          |          |     |       | 104        |              |                 |                 |          |          |          |                 |          |   |
|               | (ē)`       | V            |                 |   |   |                |                |              |  |   | ]   |                        | 55 <sup>-</sup> |              |                |          |          |          |          |          |          |          |     |       | 105        |              |                 |                 |          |          |          |                 |          |   |
|               | 6          | V            | √               |   |   |                |                |              |  |   |     |                        | 56              |              |                |          |          |          |          |          |          |          |     |       | 106        | L            | Ш               |                 |          |          |          |                 |          |   |
|               | 7          |              | V               |   |   |                |                |              |  |   |     |                        | 57              |              |                |          |          |          |          |          |          | ┙        |     |       | 107        |              | Ш               |                 |          |          |          | Ш               |          | Ш   |
|               | 8          |              |                 | _ | L   |                |                |              |  |   |     |                        | 58              |              |                |          |          |          |          |          |          |          |     |       | 108        |              | Ш               |                 |          |          |          | Ш               |          |   |
|               | 9          |              |                 |   |   |                |                | 匚            | Ш  |   |     |                        | 59              |              | Ш              |          |          |          | $\perp$  | ᆜ        |          | ╝        |     |       | 109        |              | Ш               | Ш               |          |          | _        | Ш               |          | Ш   |
|               | 10         |              |                 |   |   |                |                | L            |  |   |     |                        | 60              |              | Ш              |          |          |          |          |          |          |          |     |       | 110        |              |                 |                 |          |          |          |                 |          |   |
| <u> </u>      | 11         | oxdot        |                 |   |   |                |                |              | Ш  |   |     |                        | 61              | _            | Ш              |          |          |          |          |          |          |          |     |       | 111        |              |                 |                 |          |          |          |                 |          | Ш   |
| L             | 12         | L            | $\Box$          |   | لــــا  | <u> </u>       |                |              | Ш  |   |     |                        | 62              |              | Ш              |          |          |          |          |          |          | _        |     |       | 112        | <u> </u>     | Ш               | Ш               |          |          | L        | Ш               | $\Box$   | Ш   |
|               | 13         |              | Ш               |   |   |                |                | _            | Ш  |   | Į   | <u></u>                | 63              |              | Ш              |          |          |          | [        | _        |          |          |     |       | 113        | L            | Ш               |                 |          |          | Ш        |                 |          |   |
|               | 14         | _            | Ш               |   | Ш   | _              | <u> </u>       |              |  | · |     |                        | 64              |              | Ш              |          |          |          | _[       | ot       |          |          |     |       | 114        |              | Ш               | Ш               |          |          | _        | Ш               | $\Box$   |   |
|               | 15         |              |                 |   |   |                | <u>_</u>       | _            |  | _ |     |                        | 65              |              |                |          |          |          | _1       | _        | _        |          |     |       | 115        | L            |                 |                 |          |          | _        |                 |          |   |
|               | 16         | _            | Ш               |   | Ш   | $oxed{\Box}$   | <u> </u>       | <u> </u>     | Ш  |   |     |                        | 66              |              | Ш              |          |          | _        | _ļ.      | $ \bot $ | $\perp$  |          |     |       | 116        | Ŀ            | Ш               | Ш               |          |          | L        | Ш               |          | Ш   |
| <u> </u>      | 17         | L            | Ш               |   | Ш   | L.             | L              | <u> </u>     | Ш  |   |     |                        | 67              | $oxed{oxed}$ | Ш              |          | $\perp$  |          |          | _        | _ļ       | _        |     |       | 117        |              |                 |                 |          |          |          | Ш               |          | Ш   |
|               | 18         | L            | Ш               | _ |   | _              | _              | L            | Ш  |   |     |                        | 68              |              | Ш              |          |          |          | _        |          |          |          |     |       | 118        |              |                 |                 |          |          |          | Ш               |          | Ш   |
|               | 19         | _            |                 |   |   | _              |                | L.           |  |   | ]   |                        | 69              |              | Ш              |          |          |          | _        |          |          |          |     |       | 119        | <u>L</u>     |                 |                 |          |          |          |                 |          | Ш   |
|               | 20         | L            | Ш               | _ | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$ |                | <u> </u>       | <u> </u>     |  |   | Į   |                        | 70              |              | Ш              |          | ┙        |          |          | _        |          | ╝        |     |       | 120        | <u> </u>     |                 |                 |          | _        |          | Ш               |          |   |
|               | 21         |              |                 |   |   | _              | L              | 匚            | Ш  |   |     |                        | 71              | Ш            | Ш              |          |          | _        |          | _        | _        | ╝        |     |       | 121        |              | Ш               |                 |          |          |          | Ш               |          |   |
|               | 22         | L            | Ш               |   |   | L              | _              | <u> </u>     | Ш  |   |     |                        | 72              |              | Ш              |          |          |          | _        | _        |          | ╝        |     |       | 122        |              |                 |                 |          |          |          | Ш               |          |   |
|               | 23         |              | Ш               |   | Ш   | _              | <u> </u>       | L            | Ш  | _ |     |                        | 73              | $oxed{oxed}$ | Щ              | Щ        | $\sqcup$ | _        | 4        | _        | _        | 4        |     |       | 123        | <u></u>      |                 | Ш               |          |          |          | Ш               | $\Box$   | Ш   |
|               | 24         | L            |                 |   | Ш   | _              | <u> </u>       |              | Ш  |   | Į   |                        | 74              | _            |                |          | _        | _        | _        | _        | _        | _        |     |       | 124        | _            |                 |                 |          |          |          |                 | $\dashv$ | Ш   |
|               | 25         | ┡            | Щ               |   | Ш   | _              |                |              | Ш  |   |     |                        | 75              |              | Ш              |          |          | _        | _        | _        | _        | _        |     |       | 125        | L            |                 |                 |          |          |          | Ш               | _        |   |
|               | 26         | <u> </u>     |                 |   | $\Box$  | _              | <u> </u>       |              |  |   |     |                        | 76              | $\perp$      |                |          | _        | -        | _        |          | _        | 4        |     |       | 126        | <u>L</u> .   | Ш               | Ш               |          |          |          | $\square$       |          | Ш   |
| <u> </u>      | 27         | _            |                 |   |   | _              | <u> </u>       | _            |  |   | Į   |                        | 77              |              |                |          | $\dashv$ | _        | 4        | _        | $\dashv$ | 4        |     |       | 127        | _            |                 |                 |          |          | _        | $\square$       | $\dashv$ | Ш   |
| L             | 28         | <u> </u>     |                 | _ |   | _              | <u> </u>       | _            | Ш  |   | ļ   |                        | 78              | _            |                |          | _        | _        | 4        | _        | _        | _        |     |       | 128        | _            | -               | Щ               |          | _        | <b> </b> |                 | _        | Ш   |
|               | 29         | _            |                 |   |   |                |                |              | -  |   | ł   |                        | 79              | _            | _              | _        | _        |          | -        | -        | _        | 4        |     |       | 129        | -            |                 | -               | _        |          | _        |                 |          | $\vdash$  |
|               | 30         | ⊢            |                 |   | Н   | _              |                | _            | Ш  |   | ļ   |                        | 80              | $\vdash$     |                |          |          |          |          | _        |          |          |     |       | 130        |              |                 |                 | _        | _        | _        |                 |          | $\vdash\vdash$  |
|               | _31_       | =            |                 |   |   |                | =              |              |  |   |     |                        | -81-            | -            |                |          | _        |          |          |          | _        |          |     |       | 131        |              | Н               | -               | _        |          | $\vdash$ |                 | $\dashv$ | Н   |
|               | 32         | ⊢            | Щ               |   | Н   | Ш              | $\vdash$       | L            | Н  |   | ļ   | $\vdash$               | 82              | L            | Щ              | -        | -        | -        | -        | -        |          | 괵        |     |       | 132        | <u> </u>     | Н               | _               | _        | _        | ⊢        | -               |          | Н   |
|               | 33         | $\vdash$     | $\vdash$        | _ | $\vdash$  | $\vdash$       | $\vdash$       | -            | H  |   | ł   | $\vdash \vdash$        | 83              | $\vdash$     | $\vdash$       | -        | $\dashv$ | $\dashv$ | $\dashv$ | 4        | $\dashv$ | 4        |     |       | 133        | $\vdash$     | $\vdash$        | $\vdash$        | _        | -        | -        |                 |          | $\vdash$  |
|               | 34         | $\vdash$     | $\vdash\vdash$  |   | $\vdash$  | $\vdash$       | $\vdash$       | $\vdash$     | $\vdash$   |   | ł   | <b>  </b>              | 84<br>85        | $\vdash$     | $\vdash\vdash$ | $\vdash$ | $\dashv$ | -        | $\dashv$ |          | +        | 4        |     |       | 134<br>135 | $\vdash$     | $\vdash\vdash$  | $\vdash \vdash$ | _        |          |          | $\vdash \vdash$ |          | $\vdash$  |
| <u> </u>      | 35         | $\vdash$     | $\vdash$        |   | $\vdash$  | $\vdash$       | <u> </u>       | -            | $\vdash$   |   | 1   | $\vdash$               |                 | $\vdash$     | $\vdash$       | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        |          | ļ   |       |            | -            | $\vdash$        | $\vdash$        | _        |          | ├        | $\vdash$        |          | $\vdash$  |
| -             | 36         | -            | ┝┷┥             |   | $\vdash$  | $\vdash$       | -              | -            | $\vdash$   |   |     |                        | 86<br>87        |              |                |          |          |          | -        | 4        | +        | -        | . 1 |       | 136        | -            |                 | $\vdash\vdash$  | _        |          |          | $\vdash$        | $\dashv$ | Н   |
|               | 37         | $\vdash$     | $\vdash\vdash$  | _ | Н   | Н              | $\vdash$       | -            | $\vdash$   |   | 1   | $\vdash$               |                 | $\vdash$     | $\vdash$       |          | $\dashv$ |          | -+       | $\dashv$ | $\dashv$ |          | . 4 |       | 137<br>138 | $\vdash$     | $\vdash\vdash$  | $\vdash$        | _        |          | -        | $\vdash \vdash$ | $\dashv$ | Н   |
|               | 38         | -            | $\vdash$        | _ | $\vdash$  | $\vdash$       |                |              | $\vdash$   |   | 1   | <del>  </del>          | 88              | $\vdash$     |                | -        | -+       | -        | $\dashv$ | -        | $\dashv$ | _        |     |       | 138        | -            | $\vdash$        | Н               | _        |          |          | $\vdash \vdash$ |          | -   |
| <u> </u>      | 39         | $\vdash$     | Н               |   | Н   | Н              | $\vdash$       | $\vdash$     | $\vdash\vdash$   |   | ł   | ┝─┤                    | 89<br>90        | -            | $\vdash$       | $\dashv$ |          |          | -        | $\dashv$ | +        | _        |     |       |            | <u> </u>     | $\vdash$        | Н               |          |          | $\vdash$ | ┝╌┤             |          | $\dashv$  |
| $\vdash$      | 40         |              | $\vdash$        |   | $\vdash$  | Н              |                | -            | $\vdash \vdash$  |   | ł   | ├                      | 91              | $\vdash$     | $\vdash$       |          |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ |     |       | 140<br>141 | <del> </del> | $\vdash\vdash$  | $\vdash\vdash$  | $\dashv$ | -        | -        | $\vdash$        |          | $\vdash$  |
|               | 41<br>42   | <del> </del> | $\vdash$        | _ | $\vdash$  | -              | $\vdash$       | <del> </del> | $\vdash$   |   | 1   | ┝┷                     | 91              | $\vdash$     | $\vdash$       | -        |          | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\dashv$ |     |       | 142        | $\vdash$     | $\vdash$        | $\vdash$        | _        | $\vdash$ | $\vdash$ |                 |          | $\vdash$  |
|               | 42         | $\vdash$     | $\vdash$        |   | H   |                |                | H            | $\vdash$   |   |     | $\vdash$               | 93              |              | $\vdash$       | $\dashv$ |          |          |          | $\dashv$ | +        | $\dashv$ |     |       | 143        |              | $\dashv$        | $\vdash$        | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$  |
|               |            | -            | $\vdash \vdash$ |   | $\vdash$  | $\vdash$       | Н              | $\vdash$     | $\vdash \vdash$  |   | -   |                        |                 | ├─           | $\vdash$       |          |          |          | $\dashv$ | $\dashv$ | +        | $\dashv$ |     |       |            | <del> </del> | $\vdash$        | $\vdash$        | -        |          | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
|               | 44<br>45   |              | $\vdash$        | _ |   | $\vdash$       |                | $\vdash$     |  |   |     | $\vdash \vdash \vdash$ | 94<br>95        | $\vdash$     |                |          | -+       |          | $\dashv$ | $\dashv$ | +        | $\dashv$ |     |       | 144        |              |                 |                 |          | -        | <b> </b> | $\vdash$        |          |   |
|               | 46         | $\vdash$     | H               | _ | $\vdash \vdash$                                 | -              | $\vdash\vdash$ | H            | $\vdash \vdash$  |   |     |                        | 96              | -            | $\dashv$       | -        | -        |          | -+       | 4        | $\dashv$ | 긕        |     |       | 145<br>146 | -            |                 |                 | -        |          | -        | $\vdash \vdash$ | -        |   |
| ļ             | 47         | -            | $\vdash$        | _ | $\vdash$  | $\vdash$       |                | $\vdash$     | $\vdash \vdash$  |   |     | $\vdash \dashv$        | 97              | $\vdash$     | $\vdash$       | $\dashv$ | +        |          |          | $\dashv$ | +        | $\dashv$ | -   |       | 147        |              | $\vdash \vdash$ | -               | $\dashv$ |          | -        | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
|               | 48         | $\vdash$     | $\vdash$        |   | $\vdash$  | $\vdash\vdash$ | $\vdash$       | $\vdash$     | $\vdash \vdash$  |   |     | <del>  </del>          | 98              | Н            | $\vdash$       | -        | -+       |          | -        | $\dashv$ | +        | ᅴ        |     |       | 148        | <u> </u>     | $\vdash$        | -               | $\dashv$ | _        |          |                 | $\dashv$ | $\dashv$  |
| $\vdash$      | 48         | H            | $\vdash \vdash$ | _ | $\vdash \vdash$                                 | $\vdash$       | $\vdash$       | $\vdash$     | $\vdash$   | _ |     | $\vdash \vdash \vdash$ | 98              | Н            | $\vdash$       |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ |     |       | 148        | $\vdash$     | Н               | $\dashv$        |          | -        | -        | $\vdash$        | 긕        | $\dashv$  |
| <del>  </del> |            | $\vdash$     | $\vdash$        | _ |   | -              |                | Н            | $\vdash \vdash$  |   | -   | $\vdash\vdash\vdash$   |                 | $\vdash$     |                |          |          |          | +        | +        | +        | $\dashv$ | .   |       |            | -            | -               |                 | -        |          | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  |
|               | 50         |              | ш               |   | لسا   |                | ш              |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |   | j l | L                      | 100             |              | 1              |          |          |          |          |          | L        | ┙        | ł   |       | 150        |              |                 |                 |          |          | oxdot    |                 |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |